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**From:** Hughes, Adam (IHS/PHX) [Adam.Hughes@ihs.gov]  
**Sent:** 9/9/2013 7:27:02 PM  
**To:** lpuhuyesva@hopi.nsn.us; Lee, Bessie [Lee.Bessie@epa.gov]; bbettenberg@homerlaw.com; eldine.stevens@bia.gov; jshomaker@shomaker.com; UMowa@hopi.nsn.us; lidennis@hopi.nsn.us; sfritz@shomaker.com; vern@yjdrilling.com  
**CC:** Felter, Marcus J (IHS/PHX) [Marcus.Felter@ihs.gov]; Lorenz, Robert (IHS/PHX) [Robert.Lorenz@ihs.gov]; Heintzman, Tom (IHS/PHX) [Tom.Heintzman@ihs.gov]; Matson, Eric (IHS/PHX) [Eric.Matson@ihs.gov]; brad.rea@ihs.gov; Hamilton, John (IHS/PHX) [John.Hamilton@ihs.gov]; VanVleet, Joshua (IHS/PHX) [joshua.vanvleet@ihs.gov]  
**Subject:** HAMP Turquoise Trail Well #2 Update  
**Attachments:** 3080194 FINAL 09 04 13 1205.pdf

All,

Reaming of the Turquoise Trail Well #2 is complete and Yellow Jacket Drilling is now installing the well screen and casing. Assuming all goes well, the screen, casing, and gravel pack will be installed by the end of this week. Pump testing is expected to take place about two weeks from now.

I recently received the full water quality results for the second sample zone, taken from the middle of the N aquifer, and those results are attached. There were no primary contaminant concentrations above the EPA maximum contaminant levels. Aluminum, iron, and manganese levels were high, though those are all unregulated secondary contaminants, and were likely elevated due to the amount of drilling fluid that was present in the sample submitted to the lab. After construction of the well, the drilling fluid will be flushed from the well and the well will be test pumped. A final water quality sample will be collected at that time.

Feel free to contact me if you have any questions.

Adam Hughes, P.E.  
LCDR, USPHS  
Senior Environmental Engineer  
Indian Health Service  
5448 S. White Mountain Blvd, Suite 220  
Lakeside, AZ 85929  
phone: 928-537-0578  
fax: 928-537-3060